

1644

D# 11



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/720,282 A
Source: 1600
Date Processed by STIC: 11/18/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/720,282A

DATE: 11/18/2002
TIME: 12:50:43

RECEIVED

NOV 29 2002

TECH CENTER 1600/2900

Input Set : A:\9426004999.txt
Output Set: N:\CRF4\11182002\I720282A.raw

3 <110> APPLICANT: Herr, John C.
4 Coonrod, Scott A.
6 <120> TITLE OF INVENTION: EGG-SURFACE PROTEINS AND METHODS OF THEIR USE FOR MODULATING
7 FERTILITY
9 <130> FILE REFERENCE: 9426-004-999
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/720,282A
C--> 12 <141> CURRENT FILING DATE: 2002-10-29
14 <150> PRIOR APPLICATION NUMBER: 60/089,950
15 <151> PRIOR FILING DATE: 1998-06-19
17 <160> NUMBER OF SEQ ID NOS: 6
19 <170> SOFTWARE: PatentIn version 3.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 1315
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
26 <400> SEQUENCE: 1
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28 ctctctgctc ggggtagtac tgagctgtgc tacccecaac ccctctggct cttgcagggt 120
29 ggagccagcc atcctgagac gtccgtacag cccgtactgg tggagtgtca ggaggccact 180
30 ctgatggtca tggctagcaa agacctttt ggacccgga agctcatcag ggctgctgac 240
31 ctacaccttg gccagaggc ctgtgagcct ctggtctcca tggacacaga agatgtggtc 300
32 aggtttgagg ttggactcca cgagtgtggc aacagcatgc aggttaactga cgatgccctg 360
33 gtgtacagca ccttcctgct ccatgacccc cgccccgtgg gaaacctgtc catcgtgagg 420
34 actaacgcg cagagattcc catcgagtgc cgctacccca ggcagggcaa tgtgagcagc 480
35 caggccatcc tgcccacctg gttgcccttc aggaccagg tgttctcaga ggagaagctg 540
36 actttctctc tgcgtctgat ggaggagaac tggaaacgtg agaagaggtc cccacacctc 600
37 cacctgggag atgcagccca cctccaggca gaaatccaca ctggcagcca cgtgccactg 660
38 cggttggttg tggaccactg cgtggccaca ccgacaccag accagaatgc ctccccttat 720
39 cacaccatcg tggacttcca tggctgtctt gtcgacggtc tcaactgatgc ctcttctgca 780
40 ttcaaagttc ctgcagccgg gccagataca ctccagttca cagtggatgt cttccacttt 840
41 gctaagtact ccagaaacat gatatacatc acctgccacc tgaaggtcac cctagctgag 900
42 caggacccag atgaactcaa caaggcctgt tccttcagca agccttccaa cagctgggtc 960
43 ccagtggaag gcccggtgta catctgtcaa tgctgtaaca aaggtgactg tggcactcca 1020
44 agccattcca ggaggcagcc tcatgtcatg agccagtggg ccacgtctgc ttcccgtaac 1080
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46 gagtgggtgac catgaagtag agcagtgggc tttgccttct gacacctcag tgggtgctgct 1200
47 gggcgtaggc ctggtgtgtg tgggtgtccct gactctgact gctgttatcc tggttctcac 1260
48 caggaggtgt cgcactgcct cccacctgtg gtctgcttcc gaataaaaga agaaa 1315
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 372
52 <212> TYPE: PRT
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 2

3-4

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 11/18/2002

PATENT APPLICATION: US/09/720,282A

TIME: 12:50:43

Input Set.: A:\9426004999.txt

Output Set: N:\CRF4\11182002\I720282A.raw

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56 Met Glu Leu Ser Tyr Arg Leu Phe Ile Cys Leu Leu Leu Trp Gly Ser
57 1 5 10 15
58 Thr Glu Leu Cys Tyr Pro Gln Pro Leu Trp Leu Leu Gln Gly Gly Ala
59 20 25 30
60 Ser His Pro Glu Thr Ser Val Gln Pro Val Leu Val Glu Cys Gln Glu
61 35 40 45
62 Ala Thr Leu Met Val Met Val Ser Lys Asp Leu Phe Gly Thr Gly Lys
63 50 55 60
64 Leu Ile Arg Ala Ala Asp Leu Thr Gly Gly Pro Glu Ala Cys Glu Pro
65 65 70 75 80
66 Leu Val Ser Met Asp Thr Glu Asp Val Val Arg Phe Glu Val Gly Leu
67 85 90 95
68 His Glu Cys Gly Asn Ser Met Gln Val Thr Asp Asp Ala Leu Val Tyr
69 100 105 110
70 Ser Thr Phe Leu Leu His Asp Pro Arg Pro Val Gly Asn Leu Ser Ile
71 115 120 125
72 Val Arg Thr Asn Arg Ala Glu Ile Pro Ile Glu Cys Arg Tyr Pro Arg
73 130 135 140
74 Gln Gly Asn Val Ser Ser Gln Ala Ile Leu Pro Thr Trp Leu Pro Phe
75 145 150 155 160
76 Arg Thr Thr Val Phe Ser Glu Glu Lys Leu Thr Phe Ser Leu Arg Leu
77 165 170 175
78 Met Glu Glu Asn Trp Asn Ala Glu Lys Arg Ser Pro Thr Phe His Leu
79 180 185 190
80 Gly Asp Ala Ala His Leu Gln Ala Glu Ile His Thr Gly Ser His Val
81 195 200 205
82 Pro Leu Arg Leu Phe Val Asp His Cys Val Ala Thr Pro Thr Pro Asp
83 210 215 220
84 Gln Asn Ala Ser Pro Tyr His Thr Ile Val Asp Phe His Gly Cys Leu
85 225 230 235 240
86 Val Asp Gly Leu Thr Asp Ala Ser Ser Ala Phe Lys Val Pro Arg Pro
87 245 250 255
88 Gly Pro Asp Thr Leu Gln Phe Thr Val Asp Val Phe His Phe Ala Asn
89 260 265 270
90 Asp Ser Arg Asn Met Ile Tyr Ile Thr Cys His Leu Lys Val Thr Leu
91 275 280 285
92 Ala Glu Gln Asp Pro Asp Glu Leu Asn Lys Ala Cys Ser Phe Ser Lys
93 290 295 300
94 Pro Ser Asn Ser Trp Phe Pro Val Glu Gly Pro Ala Asp Ile Cys Gln
95 305 310 315 320
96 Cys Cys Asn Lys Gly Asp Cys Gly Thr Pro Ser His Ser Arg Arg Gln
97 325 330 335
98 Pro His Val Met Ser Gln Trp Ser Thr Ser Ala Ser Arg Asn Arg Arg
99 340 345 350
100 His Val Thr Glu Glu Ala Asp Val Thr Val Gly Ala Thr Asp Leu Pro
101 355 360 365
102 Gly Gln Glu Trp
103 370
105 <210> SEQ ID NO: 3

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RAW SEQUENCE LISTING

DATE: 11/18/2002

PATENT APPLICATION: US/09/720,282A

TIME: 12:50:43

Input Set : A:\9426004999.txt

Output Set: N:\CRF4\11182002\I720282A.raw

106 <211> LENGTH: 4
 107 <212> TYPE: PRT
 108 <213> ORGANISM: Artificial
 110 <220> FEATURE:
 111 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein Motif
 113 <400> SEQUENCE: 3
 114 Lys Asp Glu Leu
 115 1
 117 <210> SEQ ID NO: 4
 118 <211> LENGTH: 7
 119 <212> TYPE: PRT
 120 <213> ORGANISM: Artificial
 122 <220> FEATURE:
 123 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein Motif
 125 <400> SEQUENCE: 4
 126 Ser Phe Ser Asp Phe Leu Lys
 127 1 5
 129 <210> SEQ ID NO: 5
 130 <211> LENGTH: 13
 131 <212> TYPE: PRT
 132 <213> ORGANISM: Artificial
 134 <220> FEATURE:
 135 <221> NAME/KEY: SITE
 136 <222> LOCATION: 1, 2, 10, 11, 12
 137 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 139 <220> FEATURE:
 140 <221> NAME/KEY: SITE
 141 <222> LOCATION: 3
 142 <223> OTHER INFORMATION: Xaa = Ile or Leu
 144 <220> FEATURE:
 145 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein Motif
 147 <400> SEQUENCE: 5
 148 Xaa Xaa Xaa Pro Glu Ala Thr Thr Gly Xaa Xaa Xaa Lys
 149 1 5 10
 151 <210> SEQ ID NO: 6
 152 <211> LENGTH: 8
 153 <212> TYPE: PRT
 154 <213> ORGANISM: Artificial
 157 <220> FEATURE:
 158 <221> NAME/KEY: SITE
 159 <222> LOCATION: 1, 2, 10, 11, 12
 160 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 162 <220> FEATURE:
 163 <221> NAME/KEY: SITE
 164 <222> LOCATION: 4
 165 <223> OTHER INFORMATION: Xaa = Ile or Leu
 167 <220> FEATURE:
 168 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein Motif
 170 <400> SEQUENCE: 6

? only 8 amino acids in the sequence

see p.4 - what about Xaa at location 8?

RAW SEQUENCE LISTING

DATE: 11/18/2002

PATENT APPLICATION: US/09/720,282A

TIME: 12:50:44

Input Set : A:\9426004999.txt

Output Set: N:\CRF4\11182002\I720282A.raw

W--> 171 Xaa Xaa Ser Xaa Val Asn Ser Xaa
172 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/720,282A

DATE: 11/18/2002
TIME: 12:50:45

Input Set : A:\9426004999.txt
Output Set: N:\CRF4\11182002\I720282A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 1, 2, 3, 10, 11, 12

Seq#:6; Xaa Pos. 1, 2, 4, 8

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3, 4, 5, 6